



CVE-2019-4427

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CVE-2019-4427

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Cloud Cli](#) from [Ibm](#) contain the following vulnerability:

IBM Cloud CLI 0.6.0 through 0.16.1 windows installers are signed using SHA1 certificate. An attacker might be able to exploit the weak algorithm to generate a installer with malicious software inside. IBM X-Force ID: 162773.

CVE-2019-4427 has been assigned by [psirt@us.ibm.com](#) to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [IBM](#) - **Cloud CLI** version **0.6.0**

Affected Vendor/Software: [IBM](#) - **Cloud CLI** version **0.16.1**

CVSS3 Score: **7.5 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	NONE	NONE

CVSS2 Score: **5 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	NONE	NONE

CVE References

Description	Tags	Link
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Security Bulletin: Windows installers of IBM Cloud CLI prior to 0.16.2 are signed using SHA1 certificate

Vendor Advisory

www.ibm.com

text/html

CONFIRM

www.ibm.com/support/pages/node/1356087

IBM X-Force Exchange

VDB Entry

Vendor Advisory

exchange.xforce.ibmcloud.com

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XF ibm-cli-cve20194427-info-disc (162773)

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	IBM	Cloud CLI	All	All	All	All
Operating System	Microsoft	Windows	-	All	All	All
Operating System	Microsoft	Windows	-	All	All	All

cpe:2.3:a:ibm:cloud_cli:~::~::~::

cpe:2.3:o:microsoft:windows:-::~::~::

cpe:2.3:o:microsoft:windows:-::~::~::

No vendor comments have been submitted for this CVE

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